

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled WAFER INSPECTION SYSTEM FOR DISTINGUISHING PITS AND PARTICLES the specification of which

is attached hereto.

was filed on October 27, 1997 as Application Serial No.

08/958,230

and was amended on _____

was described and claimed in PCT International Application No. _____

filed on _____ and as amended under PCT Article 19 on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Michael E. Fossey

Inventor's Signature: Michael E. Fossey Date: 5/5/99

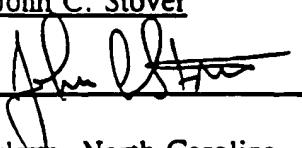
Residence Address: Newbury Park, California

Citizen of: USA

Post Office Address: 1890 West Hillcrest Drive #506, Newbury Park, CA 91320

DECLARATION

Full Name of Inventor: John C. Stover

Inventor's Signature: 

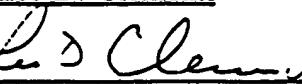
Date: May 4, 1999

Residence Address: Charlotte, North Carolina

Citizen of: USA

Post Office Address: 13126 Darby Chase Dr., Charlotte, N.C. 28277

Full Name of Inventor: Lee D. Clementi

Inventor's Signature: 

Date: 5-14-99

Residence Address: Lake Wylie, South Carolina

Citizen of: USA

Post Office Address: 311 Carroll Cove, Lake Wylie, S.C. 29710

Alston & Bird

JUL 22 1999

Received By B

JULY 16, 1999

ALSTON & BIRD LLP
DONALD M. HILL, JR.
P.O. DRAWER 34009
CHARLOTTE, NC 28234-4009



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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/10/1999

REEL/FRAME: 9944/0936

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

ADE OPTICAL SYSTEMS CORPORATION
9625 SOUTHERN PINE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28273

SERIAL NUMBER: 08958230

FILING DATE: 10/27/1997

PATENT NUMBER:

ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

05-17-1999

ON FORM COVER SHEET *Patents Only*To the Honorable
Please record it

101038704

Attorney Dkt. No.: 3639-27

S-10-99

| | | |
|--|--|---|
| <p>1. Name of conveying party(ies): Lee D. Clementi</p> <p>Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>May 5, 1999</u></p> | | <p>2. Name and address of receiving party(ies): ADE Optical Systems Corporation 9625 Southern Pine Boulevard Charlotte, NC 28273</p> <p>Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> |
| <p>4. Application No. <u>08/958.230</u> Patent No. _____</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> | | |
| <p>5. Name and address of party to whom correspondence concerning document should be mailed: Donald M. Hill, Jr. ALSTON & BIRD LLP P. O. Drawer 34009 Charlotte, NC 28234-4009</p> <p>05/13/1999 NASSANI 00000056 08958230 06 FC:5A1 <u>40.00 OP</u></p> | | <p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 16-0605</p> |
| DO NOT USE THIS SPACE | | |
| <p>9. Statement and signature <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p> <p>Donald M. Hill, Jr., Reg. No. 40,646 Name of Person Signing</p> <p><u>Donald M. Hill, Jr.</u> <u>5/10/99</u></p> <p>Total number of pages including cover sheet, attachments and document: <u>2</u></p> | | |

ASSIGNMENT

For valuable consideration. I, Lee D. Clementi, hereby assign to ADE Optical Systems Corporation, a corporation having a place of business at 9625 Southern Pine Boulevard. Charlotte, N.C. 28273, and its successors and assigns (collectively hereinafter called "the Assignee"). the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent, entitled WAFER INSPECTION SYSTEM FOR DISTINGUISHING PITS AND PARTICLES filed October 27, 1997, assigned U.S. Serial Number 08/958,230, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at 9625 Southern Pine Blvd, Charlotte NC,
this 5th day of May, 1999

Lee D. Clementi

Lee D. Clementi

L.S.

STATE OF North Carolina:

ss.

COUNTY OF Mecklenburg:

Before me this 4th day of May, 1999, personally appeared

Lee D. Clementi known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Ruth J. Gorder
Notary Public

My Commission Expires:

[Notary's Seal Here]

MY COMMISSION EXPIRES 10-17-03



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

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MAY 28, 1998

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BELL SELTZER IP LAW GROUP
ALSTON & BIRD LLP
RAYMOND O. LINKER, JR.
P.O. DRAWER 34009
CHARLOTTE, NC 28234



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Alston & Bird

JUN 4 1998

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SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/23/1998

REEL/FRAME: 9067/0594
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FOSSEY, MICHAEL E.

DOC DATE: 10/30/1997

ASSIGNOR:

STOVER, JOHN A.

DOC DATE: 10/30/1997

ASSIGNEE:

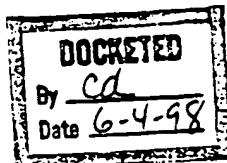
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CHARLOTTE, NORTH CAROLINA 28273

SERIAL NUMBER: 08958230

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ISSUE DATE:

PATENT NUMBER:

MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



04-07-1998

3-23-98



100676421

To the Honorable Commission

Please record the attached original documents or copy thereof.

ORM COVER SHEET

Patents Only

MAR 23 1998

Attorney Dkt: 3639-27

1. Name of conveying party(ies):

Michael E. Fossey
John C. Stover

2. Name and address of receiving party(ies):

ADE Optical Systems Corporation
9625 Southern Pine Boulevard
Charlotte, NC 28273

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment
 Merger
 Security Agreement
 Change of Name
 Other _____

Execution Date: October 30, 1997Additional name(s) & address(es) attached? Yes No4. Application Serial No. 08/958,230 Patent No. _____

If this document is being filed together with a new application, the execution date of the application is: _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Raymond O. Linker, Jr.
 BELL SELTZER INTELLECTUAL PROPERTY LAW GROUP
 ALSTON & BIRD LLP
 P. O. Drawer 34009
 Charlotte, NC 28234

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account8. Deposit account number: 16-0605

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

04/06/1998 SSMITH 00000158 08958230
 01 FC:581 40.00 OP

Raymond O. Linker, Jr., Reg. No. 26,419

Name of Person Signing

Signature

Date

March 18 1998Total number of pages including cover sheet, attachments and document: 3

ASSIGNMENT

THIS ASSIGNMENT, made by us, Michael E. Fossey, citizen of the United States of America, residing at Charlotte, County of Mecklenburg, State of North Carolina, and John C. Stover, citizen of the United States of America, residing at Charlotte, County of Mecklenburg, State of North Carolina, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in *WAFER INSPECTION SYSTEM FOR DISTINGUISHING PITS AND PARTICLES* for which an application for United States Letters Patent was filed in the United States Patent Office on October 27, 1997, and has been assigned Serial No. 08/958,230. and

WHEREAS, ADE Optical Systems Corporation, a Massachusetts corporation having a principal place of business at Charlotte, County of Mecklenburg, State of North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this
30 day of October, 1997.

Michael E. Fossey (SEAL:
Michael E. Fossey
John C. Stover (SEAL:
John C. Stover

STATE OF NORTH CAROLINA)
) ss:
COUNTY OF MECKLENBURG)

Before me personally appeared Michael E. Fossey and John C. Stover, to me known to be the persons described in and who executed the foregoing instrument, and they acknowledged to me that they executed the same for the purposes therein stated, this
30 day of Oct., 1997.

Ronie J. Conner
Notary Public

SEAL

My Commission Expires 10-17-99
My Commission Expires: _____